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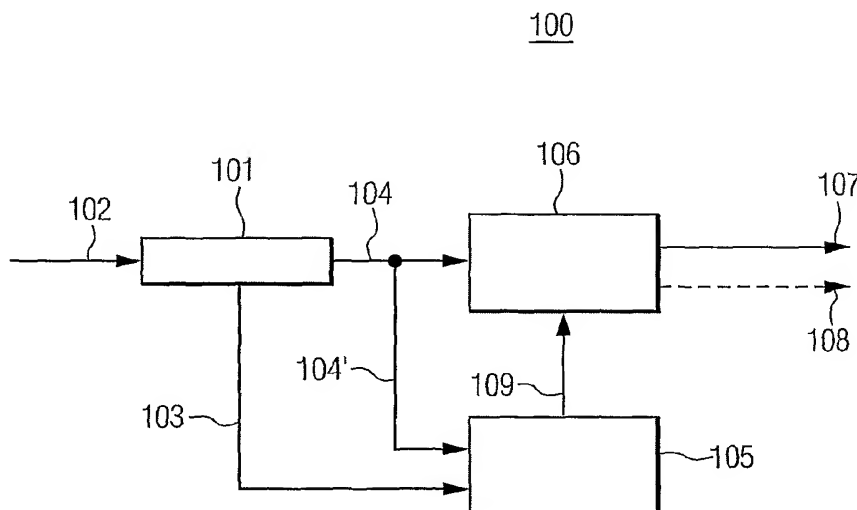
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- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **YANG, Yibin** [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). **BOROCZKY, Lilla** [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
- (74) Common Representative: **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; INTELLECTUAL PROPERTY & STANDARDS, c/o BRAM, Eric M., P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
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(54) Title: LUMINANCE TRANSIENT IMPROVEMENT USING V VIDEO ENCODING METRIC FOR DIGITAL VIDEO PROCESSING



(57) Abstract: A method of improving luminance transition includes decoding a coded video bitstream around a transition from a first luminance level to a second luminance level; and providing luminance transition enhancement based on a metric indicative of video bitstream. Additionally, an apparatus that improves a luminance transition includes a video decoder and a module that determines a metric indicative of the degree of video coding artifacts in a signal. The apparatus also includes a video processing module that includes a luminance transient enhancement module. The luminance enhancement module provides transition based on at least a value of the metric at the transition.

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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM,

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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